

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Canceled).

Claim 2 (Currently Amended): A print control apparatus which allows a printer to perform printing in accordance with a print instruction issued from an application program, the print control apparatus comprising:

a printer capability data storage unit for storing that acquires printer capability data by issuing an inquiry to a printer driver to control the printer and stores the printer capability data based on of each printer model of printer, wherein the printer capability data indicates capability of said the printer in terms of a print condition configurable on said printer;

a printer acquiring unit that acquires a model of the printer used for printing when the application program issues the print instruction;

a formatted print data storage list creation unit for storing formatted print data indicative of a formatted print candidate provided as a formatted print option that extracts only formatted prints containing required printing conditions executable by the printer used for printing out of a plurality of formatted prints that is respectively composed of required printing conditions and optional printing conditions, and displays a list of the extracted formatted prints on a display;

a formatted print specification acceptance unit for referencing said printer capability data, extracting and providing a formatted print candidate selectable for a model of printer to perform printing out of said stored formatted print data, and accepting specified that accepts a selection of a formatted print in the list displayed on the display;

a print condition setup unit for referencing said printer capability data and configuring a combination of print conditions needed for said specified formatted print within a range of print conditions specifiable for said model of printer to perform printing that sets the optional printing conditions of the formatted print selected from the list within a range of capability of the printer used for printing by referring to the printer capability data of the model that is acquired by the printer acquiring unit; and

a print execution control unit for printer driver allowing said that allows the printer used for printing to perform printing under said configured the required print condition conditions of the formatted print selected from the list and the optional printing conditions set by the print condition setup unit.

Claim 3 (Currently Amended): The print control apparatus according to claim 2, wherein said formatted print data ~~includes not only a print condition to enable formatted print for each formatted print candidate, but also data indicative of~~ list creation unit displays a name for ~~specifiably displaying specifying each of the extracted formatted prints print candidate when provided as an option for said formatted print in the list.~~

Claim 4 (Canceled).

Claim 5 (Currently Amended): The print control apparatus according to claim 2, wherein said printer capability data describes print conditions configurable on the printer and contains a ~~prioritized condition specifiable~~ priority for each setup item of the print conditions; and wherein said print condition setup unit ~~configures~~ sets a print condition with highly ~~prioritized higher priority condition for each setup item so as to perform printing according to said formatted print among print conditions described in the printer capability data as the~~ optional printing conditions.

Claim 6 (Canceled).

Claim 7 (Original): The print control apparatus according to claim 2, wherein said printer capability data defines a print condition so that a condition for a given setup item depends on a condition for another setup item.

Claim 8 (Canceled).

Claim 9 (Currently Amended): A print control method of allowing a printer to perform printing in accordance with a print ~~execution~~ instruction issued from an application program, said method comprising:

acquiring a model of the printer used for the printing when the application program issues the print instruction;

extracting and providing a formatted print candidate selectable for a model of printer to perform printing out of formatted print data and only formatted prints containing required printing conditions executable by the printer used for the printing out of a plurality of formatted prints that is respectively composed of required printing conditions and optional printing conditions;

displaying a list of the extracted formatted prints on a display;

accepting specified formatted print, wherein formatted print data is stored in a specified storage medium and indicates a formatted print candidate provided as a formatted print option a selection of a formatted print in the list displayed on the display;

referencing printer capability data and configuring a combination of print conditions needed for said specified formatted print within a range of print conditions specifiable for said model of printer to perform printing setting the optional printing conditions of the formatted print selected from the list within a range of capability of the printer used for the printing by referring to printer capability data of the model that is acquired, wherein the printer capability data is stored in a specified storage for each ~~printer~~ model of printer by issuing an inquiry to a printer driver to control the printer and indicates a ~~print condition~~ specifiable for a printer capability of the printer; and

allowing said the printer used for printing to perform printing under said configured the required print ~~condition~~ conditions of the formatted print selected from the list and the optional printing conditions that are set.

Claim 10 (Currently Amended): The print control method according to claim 9, ~~wherein said formatted print data includes not only a print condition to enable formatted print for each formatted print candidate, but also data indicative of~~ further comprising:

displaying a name for ~~specifiably displaying~~ specifying each of the extracted formatted prints print candidate when provided as an option for said formatted print in the list.

Claim 11 (Canceled).

Claim 12 (Currently Amended): The print control method according to claim 9, wherein said printer capability data describes print conditions configurable on the printer and contains a prioritized condition specifiable priority for each setup item of the print conditions; and wherein ~~said print condition setup unit configures~~ the setting of the optional printing conditions includes setting a print condition with highly prioritized higher priority condition for each setup item so as to perform printing according to said formatted among print conditions described in the printer capability data as the optional printing conditions.

Claim 13 (Canceled).

Claim 14 (Original): The print control method according to claim 9, wherein said printer capability data defines a print condition so that a condition for a given setup item depends on a condition for another setup item.

Claim 15 (Currently Amended): A computer-readable storage medium having a print control program stored thereon, the print control program for allowing a printer to perform printing in accordance with a print execution instruction issued from an application program, and the print control program enabling a computer to implement:

~~wherein said print control program allows a computer to implement functions of accepting said print execution instruction entered through an input operation device, providing a formatted print candidate for a user to visually check on a specified display apparatus, accepting a user specified formatted print entered through said input operation device, dynamically configuring a print condition needed for printing based on said specified formatted print according to capability of said printer, and performing printing~~

a function of acquiring a model of the printer used for the printing when the application program issues the print instruction;

a function of extracting only formatted prints containing required printing conditions executable by the printer used for the printing out of a plurality of formatted prints that is respectively composed of required printing conditions and optional printing conditions;

a function of displaying a list of the extracted formatted prints on a display;

a function of accepting a selection of a formatted print in the list displayed on the display;

a function of setting the optional printing conditions of the formatted print selected from the list within a range of capability of the printer used for the printing by referring to printer capability data of the model that is acquired, wherein the printer capability data is stored in a specified storage for each model of printer by issuing an inquiry to a printer driver to control the printer and indicates capability of the printer; and

a function of allowing the printer used for printing to perform printing under the required print conditions of the formatted print selected from the list and the optional printing conditions that are set.

Claim 16 (Canceled).

Claim 17 (Currently Amended): ~~An image processing apparatus having a display apparatus to display contents and an input operation device capable of selection operations corresponding to displayed contents, said image processing apparatus characterized by which~~ generates print data for printing in accordance with a print instruction issued from an application program, the image processing apparatus comprising:

~~being able to display a print menu and accept a print instruction corresponding to a selection operation;~~

~~accepting said print instruction and displaying a formatted print candidate capable of being printed on a specified printer;~~

~~accepting any specified formatted print corresponding to a selection operation associated with said displayed candidate;~~

~~generating a print condition for said printer corresponding to said specified formatted print; and~~

~~generating print data for performing printing under a print condition~~

a printer capability data storage unit that acquires printer capability data by issuing an inquiry to a printer driver to control the printer and stores the printer capability data of each model of printer, wherein the printer capability data indicates capability of the printer;

a printer acquiring unit that acquires a model of the printer used for the printing when the application program issues the print instruction;

a formatted print list creation unit that extracts only formatted prints containing required printing conditions executable by the printer used for printing out of a plurality of formatted prints that is respectively composed of required printing conditions and optional printing conditions, and displays a list of the extracted formatted prints on a display;

a formatted print specification acceptance unit that accepts a selection of a formatted print in the list displayed on the display;

a print condition setup unit that sets the optional printing conditions of the formatted print selected from the list within a range of capability of the printer used for printing by referring to the printer capability data of the model that is acquired by the printer acquiring unit; and

a printer driver that generates print data for allowing the printer used for printing to perform printing under the required print conditions of the formatted print selected from the list and the optional printing conditions set by the print condition setup unit.

Claim 18 (Currently Amended): ~~An image processing apparatus having a display apparatus to display contents and an input operation device capable of selection operations corresponding to displayed contents, said image processing apparatus characterized by which~~ generates a print data for printing in accordance with a print instruction issued from an application program, the image processing apparatus comprising:

a printer capability data storage unit that acquires printer capability data by issuing an inquiry to a printer driver to control the printer and stores the printer capability data of each model of printer, wherein the printer capability data indicates capability of the printer;

a printer determining unit that, when the application program issues the print instruction, determines whether or not there are available a plurality of printers capable of printing and, when they are available, determining determines a printer to be used based for printing based on print quality;

~~being able to display a print menu and accept a print instruction corresponding to a selection operation;~~

~~accepting said print instruction and displaying a formatted print candidate capable of being printed on said determined printer;~~

~~accepting any specified formatted print corresponding to a selection operation associated with said displayed candidate;~~

~~generating a print condition for said printer corresponding to said determined formatted print; and~~

~~generating print data for performing printing under a print condition~~

a formatted print list creation unit that extracts only formatted prints containing required printing conditions executable by the printer used for printing out of a plurality of formatted prints that is respectively composed of required printing conditions and optional printing conditions, and displays a list of the extracted formatted prints on a display;

a formatted print specification acceptance unit that accepts a selection of a formatted print in the list displayed on the display;

a print condition setup unit that sets the optional printing conditions of the formatted print selected from the list within a range of capability of the printer used for printing by referring to the printer capability data of a model of the printer used for printing; and

a printer driver that generates the print data for allowing the printer used for printing to perform printing under the required print conditions of the formatted print selected from the list and the optional printing conditions set by the print condition setup unit.

Claims 19 and 20 (Canceled).

Claim 21 (Currently Amended): ~~An image processing computer which has an input operation device and a display for displaying data and can perform a print instruction in accordance with operations of said input operation device under control of an application program~~ allows a printer to perform printing in accordance with a printer instruction issued from an application program, said computer comprising:

~~a formatted print list creation module to provide formatted print candidates when a print instruction is issued; a print condition setup module to set a print condition for performing a specified formatted print; an available printer acquisition module to acquire a printer for performing printing; and a printer driver to output conditions of performing printing and print data;~~

~~wherein said formatted print list creation module acquires a model of printer used for printing from said available printer acquisition module, references formatted print data indicating formatted print candidates provided as formatted print options, and creates a list of formatted print candidates selectable on said model of printer;~~

~~wherein, when allowing said display to display a created list and accepting an operation to specify said list from said input operation device, said print condition setup module references formatted print data for said specified formatted print and sets a print condition for performing said specified formatted print; and~~

~~wherein said printer driver configures a condition for a printer so as to perform printing according to a proper print condition based on said print condition and image data for an image corresponding to print execution specified by said application program and outputs print data~~

a printer capability data storage module that acquires printer capability data by issuing an inquiry to a printer driver to control the printer and stores the printer capability data of each model of printer, wherein the printer capability data indicates capability of the printer;

a printer acquiring module that acquires a model of the printer used for printing when the application program issues the print instruction;

a formatted print list creation module that extracts only formatted prints containing required printing conditions executable by the printer used for printing out of a plurality of formatted prints that is respectively composed of required printing conditions and optional printing conditions, and displays a list of the extracted formatted prints on a display;

a formatted print specification acceptance module that accepts a selection of a formatted print in the list displayed on the display;

a print condition setup module that sets the optional printing conditions of the formatted print selected from the list within a range of capability of the printer used for printing by referring to the printer capability data of the model that is acquired by the printer acquiring module; and

a printer driver that generates the print data for allowing the printer used for printing to perform printing under the required print conditions of the formatted print selected from the list and the optional printing conditions set by the print condition setup module.